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in the form of object **classes**. These can be **dynamically** loaded into a Java Virtual Machine, for
to include meta information that identifies the **type** of each object and the relationships between
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is used to **type** Scheme code. Although Scheme is **dynamically typed**, most parts of programs are statically
Style A Practical **Type** Checker for Scheme Christian Lindig @
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The Cecil Language, Specification and Rationale - Chambers (1993) (Correct) (15 citations)
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Comment (all possible **class** and feature comments)**Type** (and **Class type**) all possible Eiffel (**class**)
Eiffel language. It consists of a set of twenty-six **class** specifications, called the library kernel, which
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have been adviced to avoid it by using explicit **type** signatures. This is unfortunate since it does not
way of handling overloading through the use of **type classes**. Haskell style **type classes** where introduced by
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is potentially useful to reduce overheads in **dynamically typed** languages, such as Prolog or Lisp, where

structure analyzer for Prolog by extending previous **type** graph analyses, and evaluate its precision and
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case would be used for elements that have been **dynamically**allocated, the latter case would be used. The
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21 2.2.6 Derived **Classes**
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assignment, and continuations. 1 Introduction **Dynamically typed** languages like Scheme [6] permit
A Practical Soft **Type** System for Scheme Andrew K. Wright Robert
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it allows the inheritance graph to change **dynamically**. Our algorithm handles this by deriving and
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dispatch techniques for both statically- and **dynamically-typed** languages with both single and multiple
techniques for both statically- and **dynamically-typed** languages with both single and multiple
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Simple objects for Standard ML - John Reppy (1996) (Correct) (22 citations)
use fall into one of two camps: either they are **dynamically typed**, and support very flexible uses of
a new approach to adding objects to the statically-**typed**, higher-order language Standard ML. Our approach
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methods can be specified in a limited way. Two new **types** of method **declarations** are added -
interpretation of the object oriented concepts of **classes**, instances, messages and multiple inheritance.
describes the OOLP syntax of **class** and instance **declarations** and messages. In the next subsection, the
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the **classes** associated with the arguments to a **dynamically** dispatched message send call site determine
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Fast Interprocedural **Class** Analysis Greg DeFouw, David Grove, and Craig
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Stack-Based Typed Assembly Language - Morrisett, Crary, Walker, Glew (1998) (Correct) (37 citations)
and software engineering advantages over their **dynamically typed** counterparts. Modern **type**-directed
Stack-Based **Typed** Assembly Language Greg Morrisett Karl Crary David
reports-archive.adm.cs.cmu.edu/anon/1998/CMU-CS-98-178.ps

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An Efficient Implementation of Self, a Dynamically-Typed Object-Oriented Language Based on Prototypes (1991) (Make Corrections) (32 citations)

Craig Chambers, David Ungar, Elgin Lee
SIGPLAN Notices

Abstract: . We have developed and implemented techniques that double the performance of dynamically-typed object-oriented languages. Our SELF implementation runs twice as fast as the fastest Smalltalk implementation, despite SELF's lack of classes and explicit variables. To compensate for the absence of classes, our system uses implementation-level maps to transparently group objects cloned from the same prototype, providing data type information and eliminating the apparent space overhead for... (Update)

Craig Chambers, David Ungar, and Elgin Lee, "An Efficient Implementation of SELF, a DynamicallyTyped Object-Oriented Language Based on Prototypes." In OOPSLA '89 Conference Proceedings, pp. 49-70, New Orleans, LA, 1989. Published as SIGPLAN Notices 24(10), October, 1989. http://citeseer.ist.psu.edu/14611.html More

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960 Programming Language (context) - Stroustrup, The - 1986
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135 Using Prototypical Objects to Implement Shared Behavior in O.. - Lieberman - 1986
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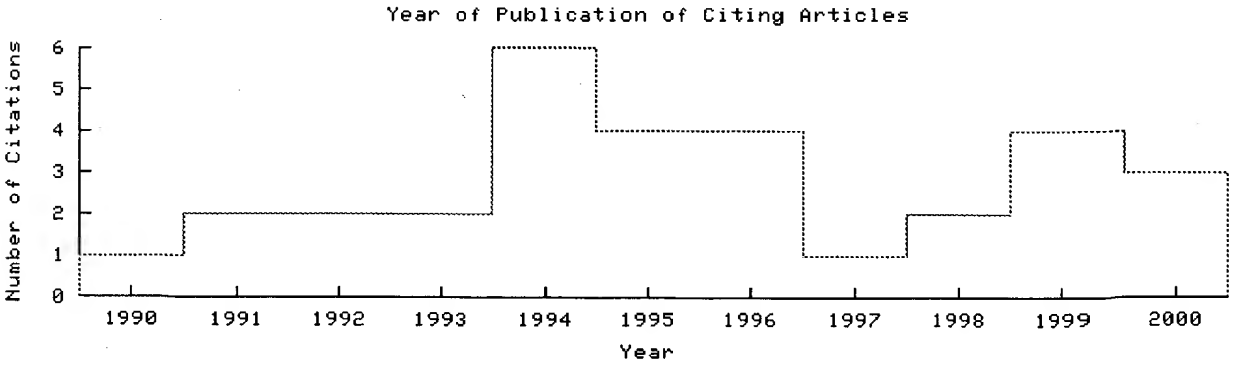

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1 A third-generation SELF implementation: reconciling responsiveness with p
Urs Hölzle, David Ungar
October 1994 ACM SIGPLAN Notices , Proceedings of the ninth annual conference systems, language, and applications, Volume 29 Issue 10
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Programming systems should be both responsive (to support rapid developme computations quickly). Pure object-oriented languages are harder to implemer optimization to achieve good performance. Unfortunately, optimization conflic because it tends to produce long compilation pauses, leading to unresponsive to achieve good responsiveness, existing exploratory progra ...

2 Kaleidoscope: mixing objects, constraints, and imperative programming
Bjorn N. Freeman-Benson
September 1990 ACM SIGPLAN Notices , Proceedings of the European conference o Object-oriented programming systems, languages, and applicatio
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Kaleidoscope is an object-oriented language being designed to integrate the t paradigm with the less traditional declarative constraint paradigm. Imperative declarative constraints provide object relations. A variables as streams seman integration. A running example is used to illustrate the language concepts&m

3 Selective specialization for object-oriented languages
Jeffrey Dean, Craig Chambers, David Grove
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Dynamic dispatching is a major source of run-time overhead in object-oriente of method lookup and to the indirect effect of preventing other optimizations. compilers for object-oriented languages analyze the classes of objects stored i bounding the possible classes of message receivers enough so that the compil a message send at compile time ...

4 Optimizing dynamically-dispatched calls with run-time type feedback
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Urs Hölzle, Craig Chambers, David Ungar
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SELF's debugging system provides complete source-level debugging (expected It shields the debugger from optimizations performed by the compiler by dyna Deoptimization only affects the procedure activations that are actively being c speed. Deoptimization requires the compiler to supply debugging information

6 An efficient implementation of SELF a dynamically-typed object-oriented lar
C. Chambers, D. Ungar, E. Lee
September 1989 ACM SIGPLAN Notices , Conference proceedings on Object-oriente applications, Volume 24 Issue 10
Full text available: pdf(2.41 MB) Additional Information: full citation, abstract, references, ci

We have developed and implemented techniques that double the performance languages. Our SELF implementation runs twice as fast as the fastest Smallta of classes and explicit variables. To compensate for the absence of classes, ou maps to transparently group objects cloned from the same prototype, providir the apparent ...

7 Making pure object-oriented languages practical
Craig Chambers, David Ungar
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8 A framework for selective recompilation in the presence of complex interm
Craig Chambers, Jeffrey Dean, David Grove
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9 Type feedback vs. concrete type inference: a comparison of optimization te languages
Ole Agesen, Urs Hölzle
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Two promising optimization techniques for object-oriented languages are type prediction) and concrete type inference (static analysis). We directly compare effectiveness on a suite of 23 SELF programs while keeping other factors cons inline over 95% of all sends and deliver similar overall performance with one machine integer ...

10 Prototype-based languages: from a new taxonomy to constructive proposal
Christophe Dony, Jacques Malenfant, Pierre Cointe
October 1992 ACM SIGPLAN Notices , conference proceedings on Object-oriented p applications, Volume 27 Issue 10
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11 The impact of interprocedural class analysis on optimization
David Grove
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The runtime performance of object-oriented languages often suffers due to th order to make these languages competitive with traditional languages, optimi many of the dynamic dispatches as possible. A variety of local and intraproce do this, but they can be ineffective when they are unable to statically bind an better analysis across noninlined messag ...

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Bob Cmelik, David Keppel
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Tracing tools are used widely to help analyze, design, and tune both hardware describes a tool called Shade which combines efficient instruction-set simulati generation capability. Efficiency is achieved by dynamically compiling and cac application program. The user may control the extent of tracing in a variety of state information may be collected ...

13 Call forwarding: a simple interprocedural optimization technique for dynami
Koen De Bosschere, Saumya Debray, David Gudeman, Sampath Kannan
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This paper discusses call forwarding, a simple interprocedural optimization tec languages. The basic idea behind the optimization is straightforward: find an actions” of a procedure, and generate multiple entry points for the proc realized from different call sites bypassing different sets of entry actions. We optimal solutions to arbitrary ...

14 Declarative programming in a prototype-instance system: object-oriented p
Brad A. Myers, Dario A. Giuse, Brad Vander Zanden
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C. Heinlein, K. Kuhn, P. Dadam
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Medical guidelines play an increasing role in selecting diagnostic and therapeu effectiveness, invasiveness, and costs. To work directly on patient data alread should be integrated into a medical information system. In order to develop a module” (MGM) managing and applying guidelines to patients, a &ldqu representation of guidelines is necessary which reflects the structu ...

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James Gosling
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Java is a programming language loosely related to C++. Java originated in a p development environment for small distributed embedded systems. Programs “safe” and portable. These needs led to a design that is rather d particular, the form of compiled programs is machine independent bytecodes. in ways usually associated with higher level, more abstract inte ...

18 Implementing Haskell overloading
Lennart Augustsson
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19 Profile-guided receiver class prediction
David Grove, Jeffrey Dean, Charles Garrett, Craig Chambers
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The use of dynamically-dispatched procedure calls is a key mechanism for wri object-oriented languages. Unfortunately, dynamic dispatching imposes a runt implementations of pure object-oriented languages have utilized profile-guide performance penalty, and some researchers have argued for applying receiver like C++. We performed a detailed examina ...

20 Vortex: an optimizing compiler for object-oriented languages
Jeffrey Dean, Greg DeFouw, David Grove, Vassily Litvinov, Craig Chambers
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Previously, techniques such as class hierarchy analysis and profile-guided rec demonstrated to greatly improve the performance of applications written in pu degree to which these results are transferable to applications written in hybric answer this question, we have developed the Vortex compiler infrastructure, a compiler for object-oriented languages, with ...

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Passing: Efficient Method Look-Up for **Dynamically Typed** Languages Jan Vitek 1 and R. Nigel Horspool 2
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cannot be completely known at compile time. In **dynamically typed** languages like Lisp, the basic approach
On the Runtime Complexity of **Type**-Directed Unboxing Yasuhiko Minamide
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A Practical Soft **Type** System for Scheme Andrew K. Wright Robert
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the **type** Dynamic. We give examples of how **dynamically typed** values can be used in **programm**ing. Then
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is placed in a buffer space that is allocated **dynamically** or on memory pages in the case of page-based
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way, because all global variables of an Rthreads **program** are shared among the participating nodes and are
goethe.ira.uka.de/people/ungerer/Rthreads-Colorado.ps

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and software engineering advantages over their **dynamically typed** counterparts. Modern **type**-directed
Stack-Based **Typed** Assembly Language Greg Morrisett Karl Crary David
reports-archive.adm.cs.cmu.edu/anon/1998/CMU-CS-98-178.ps

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Drawbacks in efficiency, apparent in Lisp as a **dynamically typed programm**ing language, can be avoided by
In The Netherlands A Practical Approach To **Type** Inference For Eulisp Andreas Kind
www.maths.bath.ac.uk/~ak1/papers/infer.ps

Analysis of Objects with Dynamic and Multiple Inheritance - Agesen, Palsberg.. (1993) (Correct) (3 citations)
it allows the inheritance graph to change **dynamically**. Our algorithm handles this by deriving and
Springer Verlag Lecture Notes on Computer Science. **Type** Inference of SELF Analysis of Objects with
self.sunlabs.com/papers/ecoop93a.ps.Z

Practical Refinement-Type Checking - Davies (1997) (Correct) (9 citations)
modularity, particularly when the language is **dynamically typed** [FFK 96]Unfortunately, these
Thesis Proposal: Practical Refinement-**type** Checking Rowan Davies November 13, 1997 Abstract
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Taming Message Passing: Efficient Method Look-Up for.. - Vitek, Horspool (1994) (Correct) (12 citations)
Message Passing: Efficient Method Look-Up for **Dynamically Typed** Languages Jan Vitek 1 and R. Nigel
Passing: Efficient Method Look-Up for **Dynamically Typed** Languages Jan Vitek 1 and R. Nigel Horspool 2
a bad inlining decision in a base class can prevent **later** redefinitions of methods in derived classes. On
cui.unige.ch/OSG/people/jvitek/Publications/ecoop94.ps.gz

A Syntactic Theory of Dynamic Binding - Moreau (1997) (Correct) (1 citation)
duration of an expression, i.e. the handler is **dynamically** bound during the extent of the expression.
Uses of **Dynamic Binding** 2.1 Conciseness A **typ**ical use of **dynamic binding** is a printing routine
of an expression. A **dynamic** variable refers to the **latest** active **dynamic binding** that exists for that
www.mmrg.ecs.soton.ac.uk/publications/archive/moreau1997e/moreau1997e.ps

A Lambda-Calculus for Dynamic Binding - Dami (1997) (Correct) (18 citations)
required to be increasingly "open" able to **dynamically** interact with other, possibly unknown or
properties of the -calculus, has a Curry-style **type** inference system, and has a formal notion of
stacks of dictionaries in FORTH or Postscript, **late binding** of message names to Preprint submitted to
cui.unige.ch/pub/dami/dynBind.ps.Z

Object-Oriented Type Inference - Palsberg, Schwartzbach (1991) (Correct) (121 citations)
Late binding means that a message send is **dynamically** bound to an implementation depending on the
Object-Oriented **Type** Inference Jens Palsberg and Michael I.
ftp.daimi.aau.dk/pub/palsberg/papers/oopsla91.ps.Z

Representing Type Information in Dynamically Typed Languages - Gudeman (1993) (Correct) (17 citations)
Representing **Type** Information in **Dynamically Typed** Languages David Gudeman
Representing **Type** Information in **Dynamically Typed** Languages David
ftp.cs.indiana.edu/pub/scheme-repository/doc/pubs/typeinfo.ps.gz

A Configurable Protocol Architecture for CORBA Environments - Crane, Dulay (1997) (Correct) (6 citations)
to select the elements of a protocol stack **dynamically** at **bind**-time depending on the properties of
multiple styles of **binding** between different **types** of interaction classes over multiple transport
is two-way. A client issues a request and at some **later** time, a server returns one or more replies. Since
scorch.doc.ic.ac.uk/~jsc/research/isads-97.ps.gz

Optimizing Dynamically-Typed Object-Oriented Languages.. - Hölzle, Chambers, Ungar (1991) (Correct) (9 citations)
1 Optimizing **Dynamically-Typed** Object-Oriented Languages
1 Optimizing **Dynamically-Typed** Object-Oriented Languages WithPolymorphic Inline
self.sunlabs.com/papers/ecoop91.ps.Z

Using Visualization to Foster Object-Oriented Program.. - Jerding, Stasko (1994) (Correct) (10 citations)
these issues-many of which arise at run-time. **Typ**ically, a programmer develops a computer program to
a means for characterizing both static and **dynamic** aspects of an object-oriented program. We then
programmers must understand inheritance, **dynamic binding**, and various forms of polymorphism. A software
ftp.cc.gatech.edu/pub/gvu/tr/1994/94-33.ps.Z

An Analysis of pi-calculus Bisimulations - Amadio, Ait-Mohamed (1995) (Correct)
for instance it allows to model networks with a **dynamically** changing topology [17]and reasonable
kind of formalization, inspired by previous work in **type** theory, is a useful bridge between intuitive
(3) The introduction of a refinement of the `**late**' bisimulation which we call `uniform'Roughly the
protis.univ-mrs.fr/~amadio/pianalysis93.ps.gz

The Cecil Language, Specification and Rationale - Chambers (1993) (Correct) (15 citations)
Goals and Major Features 1 1.2 Overview 3 2 **Dynamically-Typed** Core .
objectbased encapsulation, and optional static **type** checking. Cecil's static **type** system
cuiwww.unige.ch/OSG/people/jvitek/Resources/Archive/cecil-spec.ps.gz

Dynamic Typing in a Statically Typed Language - Abadi, Cardelli, Pierce, Plotkin (1989) (Correct) (106 citations)
the **type Dynamic**. We give examples of how **dynamically typed** values can be used in programming. Then **Dynamic Typing** in a Statically **Typed** Language Mart'in Abadi
www.cs.indiana.edu/l/www/pub/pierce/dynamic.ps.gz

Style - A Practical Type Checker for Scheme - Lindig (1993) (Correct) (3 citations)
is used to **type** Scheme code. Although Scheme is **dynamically typed**, most parts of programs are statically Style A Practical **Type** Checker for Scheme Christian Lindig @
ftp.ips.cs.tu-bs.de/pub/local/softech/papers/tr-93-10.ps.gz

Message Dispatch on Pipelined Processors - Driesen, Hölzle, Vitek (1995) (Correct) (14 citations)
dispatch techniques for both statically- and **dynamically-typed** languages with both single and multiple techniques for both statically- and **dynamically-typed** languages with both single and multiple
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Analysis of Objects with Dynamic and Multiple Inheritance - Agesen, Palsberg.. (1993) (Correct) (3 citations)
it allows the inheritance graph to change **dynamically**. Our algorithm handles this by deriving and Springer Verlag Lecture Notes on Computer Science. **Type** Inference of SELF Analysis of Objects with
self.sunlabs.com/papers/ecoop93a.ps.Z

Visual Segmentation and the Dynamic Binding Problem: Improving the .. - Smith (1993) (Correct)
enumerated representations. Enumeration does not **dynamically bind** representational elements together at now follows a discussion of **dynamic binding** and the **types** of connectionist representations which have been Report: Ct92-15-003 Visual Segmentation And The **Dynamic Binding** Problem Improving The Robustness Of An
www.cis.plym.ac.uk/MAST_Reports/ct92-15-003.ps.gz

An Efficient Implementation of Self, a Dynamically-Typed.. - Chambers, Ungar, Lee (1991) (Correct) (26 citations)
An Efficient Implementation of SELF, a **Dynamically-Typed** Object-Oriented Language Based on
An Efficient Implementation of SELF, a **Dynamically-Typed** Object-Oriented Language Based on Prototypes
www.sunlabs.com/research/self/papers/oopsla89.ps.Z

Compact Dispatch Tables for Dynamically Typed Object Oriented .. - Vitek, Horspool (Correct) (8 citations)
Compact Dispatch Tables for **Dynamically Typed** Object Oriented Languages Abstract.
Compact Dispatch Tables for **Dynamically Typed** Object Oriented Languages Abstract. **Dynamically** at run-time. This is called **dynamic binding** or **late binding**. In object-oriented programming, **dynamic**
www.csr.uvic.ca/~nigelh/Publications/cdt95.pdf

Dynamic Lambda Calculus - Kohlhase, Kuschert (1997) (Correct) (4 citations)
modeg. Thus, only those variables which are not **dynamically** bound in the argument of the negation, i.e. discourse semantics as an analogon to the simply **typed** -calculus. Just as that can be specialized to
kbibmp3.ub.uni-kl.de/Preprint_Informatik/PS/KoKu97-Claus.ps.gz

M-RPC: A Remote Procedure Call Service for Mobile Clients - Bakre, Badrinath (1995) (Correct) (5 citations)
applications will also need the ability to **dynamically bind** mobile clients to local information traffic. The client side of such an application **typ**ically gets the server address using a name lookup to handle switchable server **bindings** are described **later**. 7. The agent at the new MSR starts a worker
paul.rutgers.edu/pub/badri/mrpc.ps.Z

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A Syntactic Theory of Dynamic Binding - Moreau (1997) (Correct) (1 citation)
of an expression. A **dynamic** variable refers to the **latest** active **dynamic binding** that exists for that
A Syntactic Theory of **Dynamic Binding** To appear in the proceedings of
www.mmrg.ecs.soton.ac.uk/publications/archive/moreau1997e/moreau1997e.ps

A Lambda-Calculus for Dynamic Binding - Dami (1997) (Correct) (18 citations)
stacks of dictionaries in FORTH or Postscript, **late binding** of message names to Preprint submitted to
A Lambda-Calculus for **Dynamic Binding** Laurent Dami Centre Universitaire
Gen`eve 4, Switzerland dami@cui.unige.ch **Dynamic binding** is a runtime lookup operation which extracts
cui.unige.ch/pub/dami/dynBind.ps.Z

Using Visualization to Foster Object-Oriented Program.. - Jerding, Stasko (1994) (Correct) (10 citations)
mapping from visualization model to view, while the **IBM** system can have a many-to-one mapping of models to
a means for characterizing both static and **dynamic** aspects of an object-oriented program. We then
programmers must understand inheritance, **dynamic binding**, and various forms of polymorphism. A software
ftp.cc.gatech.edu/pub/gvu/tr/1994/94-33.ps.Z

Object-Oriented Type Inference - Palsberg, Schwartzbach (1991) (Correct) (121 citations)
programs with inheritance, assignments, and **late binding**. It guarantees that all messages are
Binding Late binding means that a message send is **dynamic**ally bound to an implementation depending on the
programs with inheritance, assignments, and **late binding**. It guarantees that all messages are understood,
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Visual Segmentation and the Dynamic Binding Problem: Improving the .. - Smith (1993) (Correct)
Report: Ct92-15-003 Visual Segmentation And The **Dynamic Binding** Problem Improving The Robustness Of An
Ct92-15-003 Visual Segmentation And The **Dynamic Binding** Problem Improving The Robustness Of An
such a device requires the solution of the **dynamic binding** problem. Visual segmentation could be learned by
www.cis.plym.ac.uk/MAST_Reports/ct92-15-003.ps.gz

An Analysis of pi-calculus Bisimulations - Amadio, Ait-Mohamed (1995) (Correct)
(3) The introduction of a refinement of the `**late**' bisimulation which we call `uniform'Roughly the
simple framework in which the semantics of the **dynamic** creation and transmission of channels can be
3)P Q iff P Q Intermezzo: early and **late binding**. What synchronization tree should one associate
protis.univ-mrs.fr/~amadio/pianalysis93.ps.gz

Taming Message Passing: Efficient Method Look-Up for.. - Vitek, Horspool (1994) (Correct) (12 citations)
a bad inlining decision in a base class can prevent **later** redefinitions of methods in derived classes. On
Message Passing: Efficient Method Look-Up for **Dynamic**ally Typed Languages Jan Vitek 1 and R. Nigel
and the message name (selector)Conceptually this **binding** of a message to its implementation proceeds as
cui.unige.ch/OSG/people/jvitek/Publications/ecoop94.ps.gz

Axiomatizing Early and Late Input by Variable Elimination - van Deursen (1995) (Correct)
Axiomatizing Early and **Late** Input by Variable Elimination Arie van Deursen
15 January, 1995 Abstract Variable **binding** input actions in process algebra expressions can
process algebra, input actions can have a variable-**binding** effect, i.e.some value is read and "assigned"
www.win.tue.nl:8080/cs/csr/csr95/95.21.ps

M-RPC: A Remote Procedure Call Service for Mobile Clients - Bakre, Badrinath (1995) (Correct) (5 citations)
to handle switchable server **bindings** are described **later**. 7. The agent at the new MSR starts a worker
mobile applications will also need the ability to **dynamic**ally **bind** mobile clients to local information
will also need the ability to **dynamic**ally **bind** mobile clients to local information servers. In
paul.rutgers.edu/pub/badri/mrpc.ps.Z

A Basic Model of Typed Components - Seco, Caires (2000) (Correct) (14 citations)
dynamic binding and subtype polymorphism, **late** (**dynamic**) composition, and avoidance of

ingredients |like explicit context dependence, **dynamic binding** and subtype polymorphism, **late (dynamic)**
| like explicit context dependence, **dynamic binding** and subtype polymorphism, **late (dynamic)**
ctp.di.fct.unl.pt/~jcs/papers/ecoop2000.ps.gz

Method Schemas - Abiteboul, Kanellakis, Ramaswamy.. (1994) (Correct) (8 citations)
methods, inheritance, name overloading, and **late binding**. An important problem is to check whether
This indicates that efficient parallel and/or **dynamic** algorithms for this problem may be hard to
methods, inheritance, name overloading, and **late binding**. An important problem is to check whether a
wilma.cs.brown.edu/people/pck/Papers/schemas.ps

A Configurable Protocol Architecture for CORBA Environments - Crane, Dulay (1997) (Correct) (6 citations)
is two-way. A client issues a request and at some **later** time, a server returns one or more replies. Since
ability to select the elements of a protocol stack **dynamic**ally at **bind**-time depending on the properties of
the elements of a protocol stack **dynamic**ally at **bind**-time depending on the properties of the interface
scorch.doc.ic.ac.uk/~jsc/research/isads-97.ps.gz

Actuability of Underactuated Manipulators - Lee, Xu (1994) (Correct)
during part or all of the motion [3] 1]The **late** movie star Bruce Lee, through his precise control
the resulting underactuated system can make use of **dynamic** coupling within the system for position control.
pecan.srv.cs.cmu.edu/afs/cs.cmu.edu/user/chrislee/www/cmu-ri-tr-94-13.ps.gz

Method Resolution and Virtual Classes in a Deductive.. - Freitag (1995) (Correct)
and propose a way to handle inheritance and **late binding** that also applies to virtual classes. Our
[3]More specifically, 29] emphasizes that **dynamic** subclasses and class migration are essential
and propose a way to handle inheritance and **late binding** that also applies to virtual classes. Our model
www.uni-passau.de/lehrstuehle/freitag/publications/Fr95/paper.ps

Mobile IP - Perkins, Myles, Watson (1992) (Correct) (28 citations)
Perkins Andrew F. Myles T.J. Watson Research Center, **IBM** Macquarie University, Australia This paper
cells it may migrate from cell to cell based on **dynamic** factors such as load and noise. The new
home address and visiting address is known as a **binding**. The set of MHs using a particular IAP must be
ftp.mpce.mq.edu.au/pub/elec/dist/mobile/mip/its92.ps.Z

Mechanisms and Interfaces for Software-Extended Coherent Shared.. - Chaiken (1994) (Correct) (4 citations)
implemented by Mathews Cherian with Kimming So at **IBM**. It was extended by Kiyoshi Kurihara, who found
systems exhibit little sensitivity to trap **late**ncy and memorysystem code efficiency, as long as
ftp.cag.lcs.mit.edu/pub/papers/chaiken-dissert-1-10.ps.Z

Some Reflections on Computer Engineering: 30 Years after the IBM.. - Flynn (Correct)
on Computer Engineering: 30 Years after the **IBM** System 360 Model 91 Michael J. Flynn 30th
pipelined high speed machine. It was begun in the **late** 1950's and delivered in the early 1960's. It
umunhum.stanford.edu/tr/micro30.ps

Symbolic Weak Bisimulation for Value-passing Calculi - Kwak, Choi, Lee, Philippou (1998) (Correct)
are built on the basis of a new formulation of **late** weak bisimulation which we propose. Unlike the
www.cis.upenn.edu/~lee/99cis642/99cis642/papers/MS-CIS-98-22.ps.Z

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